

## ABSTRACT OF THE DISCLOSURE

An air-wound, coil-type, passive inductor includes a surface which allows the coil to be picked-up using a vacuum probe of a head of a pick-an-place machine and the surface does not interfere with adjusting the spacing between the loops of the coil for tuning the coil after the coil is attached to a circuit board. Terminal ends of the coil are placed on solder paste on interconnection pads on the circuit board, then the board is heated to reflow the solder, and then washed to remove the flux contained in the solder paste. The surface may be adapted to be removed or at least degraded by the heating, or the washing, or afterwards by a mechanical method of removal without damaging the coil.

SECRET